



USER'S MANUAL

Duct Type Series

MH***FEEA Series

MH***FUEA Series

ENGLISH

ESPAÑOL

FRANÇAIS

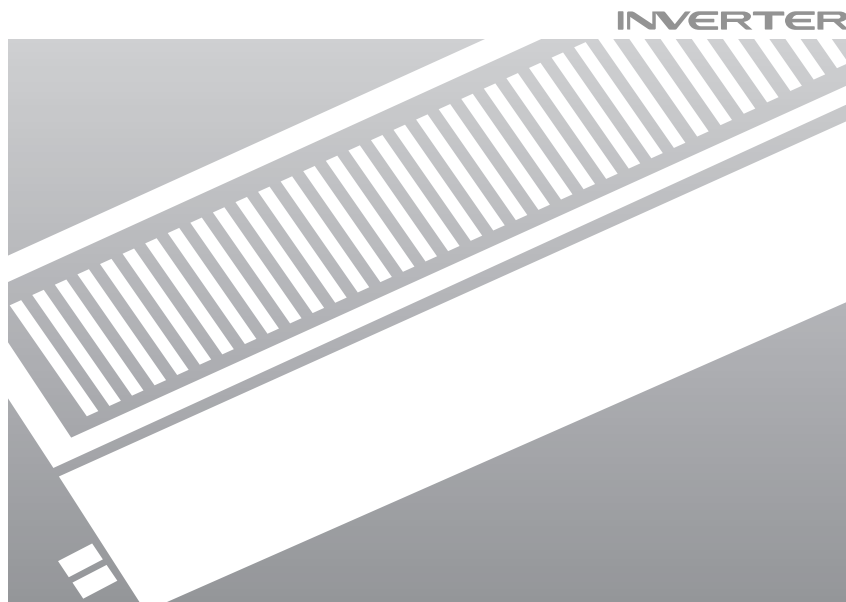
ITALIANO

PORTUGUÊS

DEUTSCH

ΕΛΛΗΝΙΚΑ

Free Joint Multi Air Conditioner (Cooling and Heating)



Safety Precautions

The following safety precautions are provided to protect the users' safety and prevent property damage. Make sure to read the followings and use the air conditioner properly.

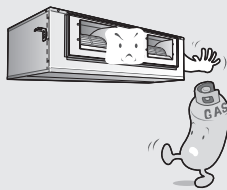
- ▶ Keep this user's manual together with the installation manual in a handy place so that you can find it whenever you need to see it after reading this manual thoroughly.



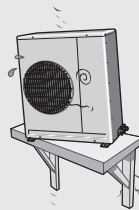
WARNING

- This indicates the possibility of serious injury or death.

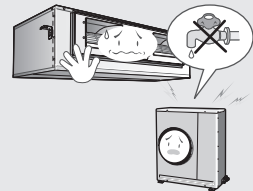
WHEN INSTALLING



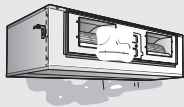
- ▶ Do not install the unit in a place where it is exposed to inflammable gas leakage.



- ▶ Do not install the outdoor unit where there's the risk of dropping such as on high outer wall or outside of the terrace.



- ▶ Do not connect the ground to a gas pipe, water pipe, lightning rod or telephone earth.



- ▶ Contact the service center if the air conditioner is under water.



- ▶ The installation must be carried out by a licensed installer or qualified personnel when installing the unit for the first time or reinstalling it.

REGARDING POWER SOURCE



- ▶ Do not pull the electric wire or touch the power plug with the wet hands.



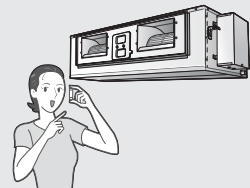
- ▶ Do not bend the electric wire by force or weigh down the air conditioner not to be out of order.



- ▶ Install the switch and circuit breaker only for air conditioner.



- ▶ Use the power source with separate wiring only for air conditioner.



- ▶ Use the rated current fuse.



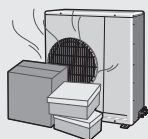
- ▶ If the power plug is damaged, replace it by the manufacturer or qualified personnel to avoid the risk.

WARNING

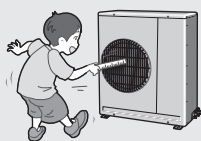
DURING OPERATION



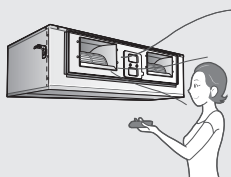
- ▶ Do not attempt to repair, move, modify or reinstall the unit on your own. Make sure that these installations are carried out by qualified personnel to avoid electric shock or fire.



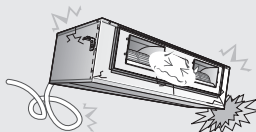
- ▶ Do not place any obstacles in front of the unit. Make sure that the unit is correctly ventilated at all times: Do not place clothing or other materials over it.



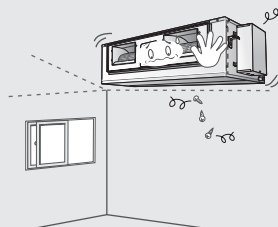
- ▶ Do not insert anything between the air outlet blades because the inner fan may be damaged and could cause injury. Keep children away from the unit.



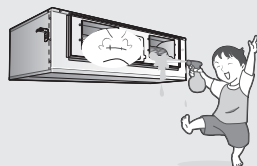
- ▶ When using a wireless remote control, the distance should not be more than 7 meters from the air conditioner. (If applicable)



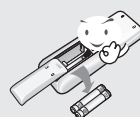
- ▶ The manufacturer declines any liability for damage resulting from modifications or errors in the electrical or hydraulic connections.



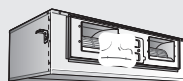
- ▶ Failure to observe the installation instruction, or use of the unit under conditions other than those indicated in the table 'Operating limit' of the unit installation manual, will immediately invalidate the unit warranty.



- ▶ Never spill any kind of liquid into the unit. Should this happen, unplug or main switch off the unit and contact an authorized service center.



- ▶ If the wireless remote control is not used for a long time, remove the batteries. (If applicable)



- ▶ Do not connect the electric heater to the air conditioner or repair it with your discretion.

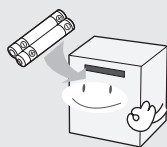


- ▶ Do not place any materials so that children cannot step on it.

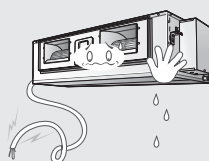


WARNING

DISPOSING THE UNIT



- ▶ Before throwing out the device, it is necessary to pull back the battery cells and get rid of them safely for recycling reasons.



- ▶ When you need to dispose of the unit, consult your dealer. If pipes are removed incorrectly, refrigerant may blow out and come into contact with your skin, causing injury. Releasing refrigerant into the atmosphere also damages the environments.



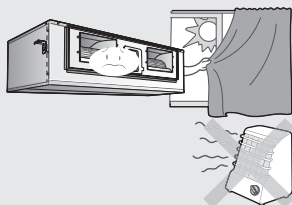
- ▶ Please recycle or dispose of the packaging material for this product in an environmentally responsible manner.



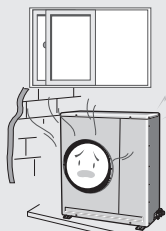
CAUTION

- This indicates the possibility of serious injury or damage to environments when operated incorrectly.

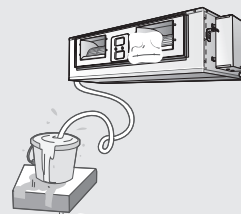
WHEN INSTALLING



- ▶ Install the air conditioner avoiding direct sunlight or heater, especially water.



- ▶ Install the outdoor unit so as to let the discharged air out properly. Avoid a place that may disturb your neighbor by noise.



- ▶ Install the drain hose to let the water run safely and correctly.



CAUTION

REGARDING POWER SOURCE



- ▶ Disconnect the circuit breaker when you don't use the air conditioner for a long time to save energy.



- ▶ Contact the service center or manufacturer if you want to repair the air conditioner.

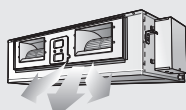


- ▶ Contact the service center after turning off the air conditioner if strange noise is heard, burning smell or smoke blow.

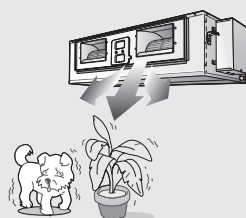
DURING OPERATION



- ▶ Do not drink the water from the air conditioner.



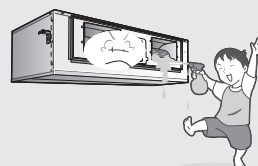
- ▶ Do not use the air conditioner for a long time in a closed room or in a place where there's a baby or an old person.



- ▶ Avoid cold and hot air reaching to person, pet or a plant directly for a long time.



- ▶ Do not step on the air conditioner or put heavy object on it.

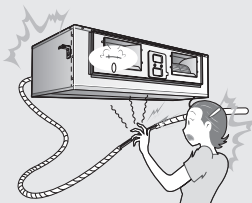


- ▶ Avoid the water from getting into the air conditioner.

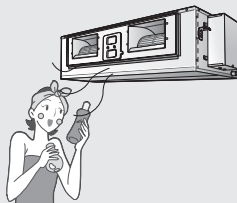


CAUTION

DURING OPERATION



- ▶ Do not touch the pipes connected to the air conditioner.

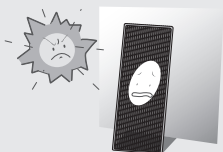


- ▶ Do not use the air conditioner to maintain the machine, food, pet, plant or cosmetics.

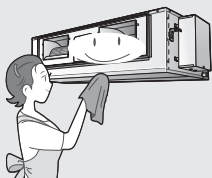


- ▶ Do not give excessive shock to the air conditioner.

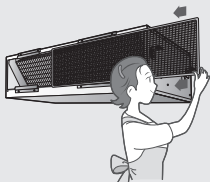
OTHERS



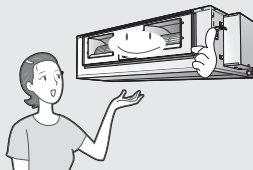
- ▶ Be sure that the air filter not to be exposed to direct sunlight.



- ▶ Turn off the air conditioner and if the fan stops to operate, clean the air conditioner.



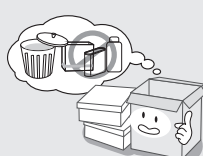
- ▶ Be sure to insert the air filter.



- ▶ The appliance is not intended for use by young children or infirm persons without supervision: Young children should be supervised to ensure that they do not play with the appliance.



- ▶ Do not clean the air conditioner by spraying water directly or with benzene, thinner or alcohol.



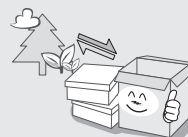
- ▶ Dispose of the packaging material in accordance with the local requirements.



- ▶ The maximum input power & current is measured according to the IEC standard and the input power & current is measured according to the ISO standard.



- ▶ The surface of the heat exchanger is sharp, so be careful of it when cleaning.



- ▶ All of the manufacturing and packaging materials used for your new appliance are compatible with the environment and can be recycled.

Contents

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◆ **RECOMMENDATIONS FOR USE**

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Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract.

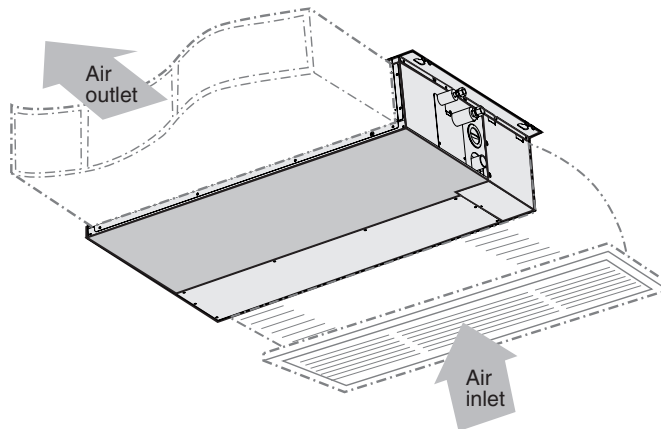
This product should not be mixed with other commercial wastes for disposal.

View of the Unit

The figures are shown in this instruction may differ from yours depending on the model.

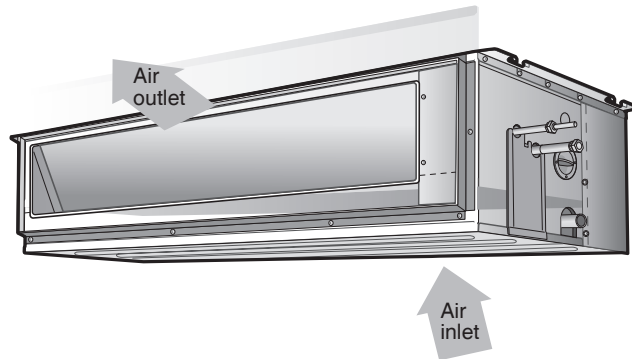
Indoor Unit

MH026FEEA/MH035FEEA



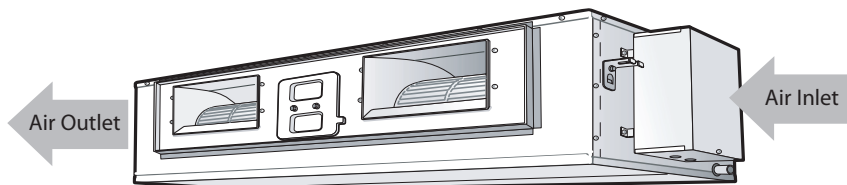
Indoor Unit

MH052FEEA



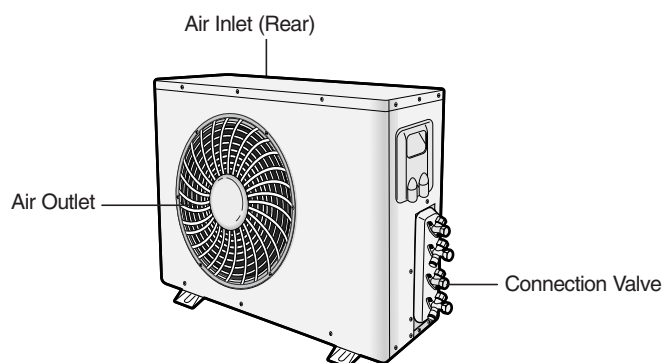
Indoor Unit

MH052FUEA

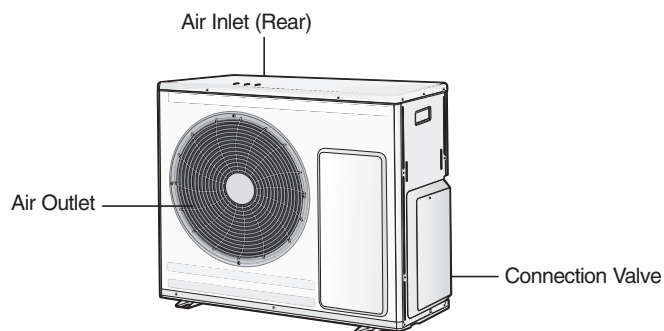


Outdoor Unit

MH050FXEA2B

**Outdoor Unit**

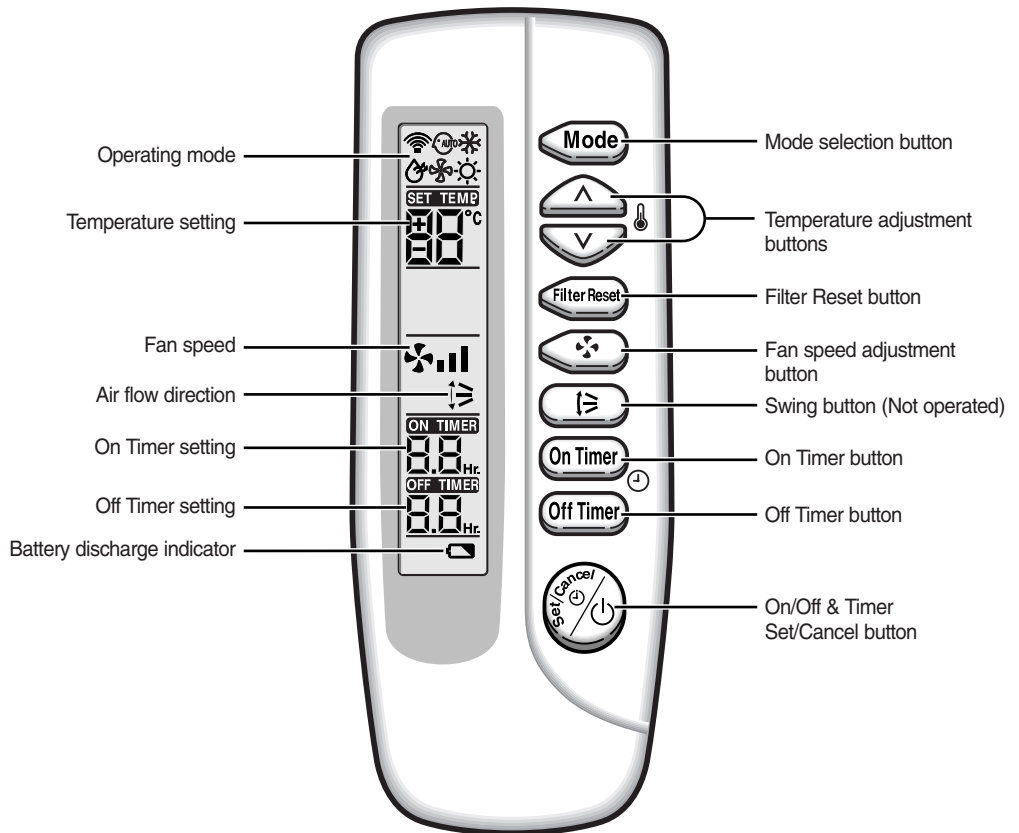
MH060FXEA3B/MH070FXEA4B/MH080FXEA4B

**Note**

- ◆ If the heat exchanger in the outdoor unit gets dusty, cooling efficiency may fall. So clean the heat exchanger with water when it becomes dirty. However, be careful when you wash the surface of the heat exchanger because it is very sharp.

Wireless Remote Controller-Buttons and Display

The wireless remote controller is an optional accessory.
To use the wireless remote controller, refer to an appropriate manual.

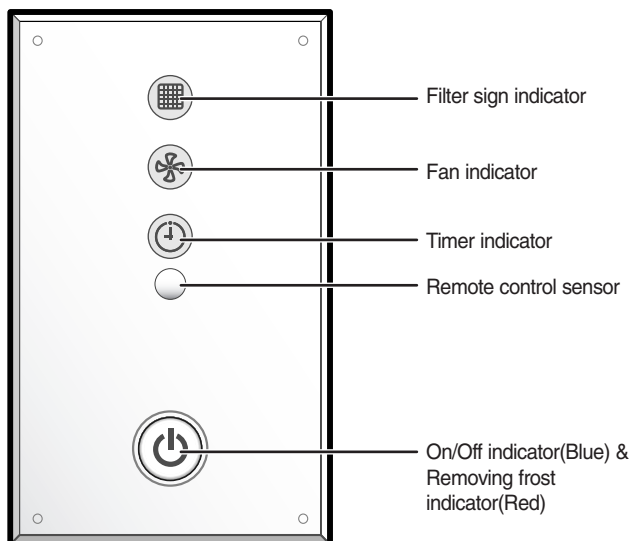


- Note**
- ◆ After cleaning the air filter, press the  button.
 - ◆ Duct type air conditioner does not have function of adjusting air flow direction. Therefore, the function is not operated even if you press the  button.

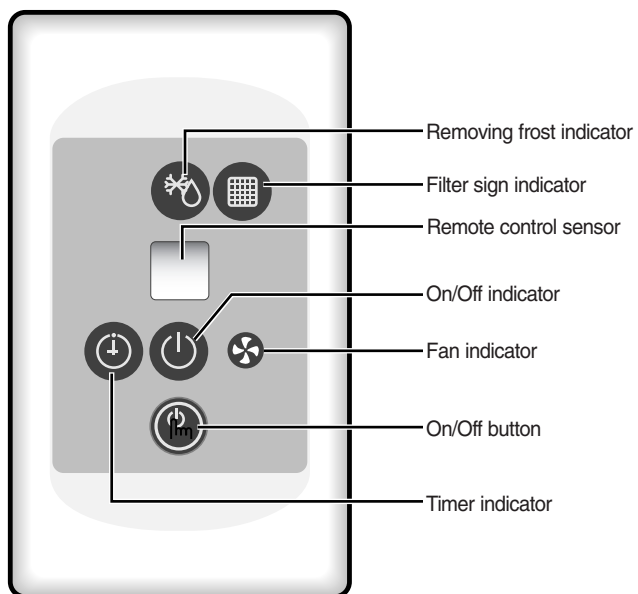
The Receiver & Display Unit

The Receiver & Display unit is an optional accessory and it is installed on the wall.
To use the receiver & display unit, refer to an appropriate manual.

Concealed Type

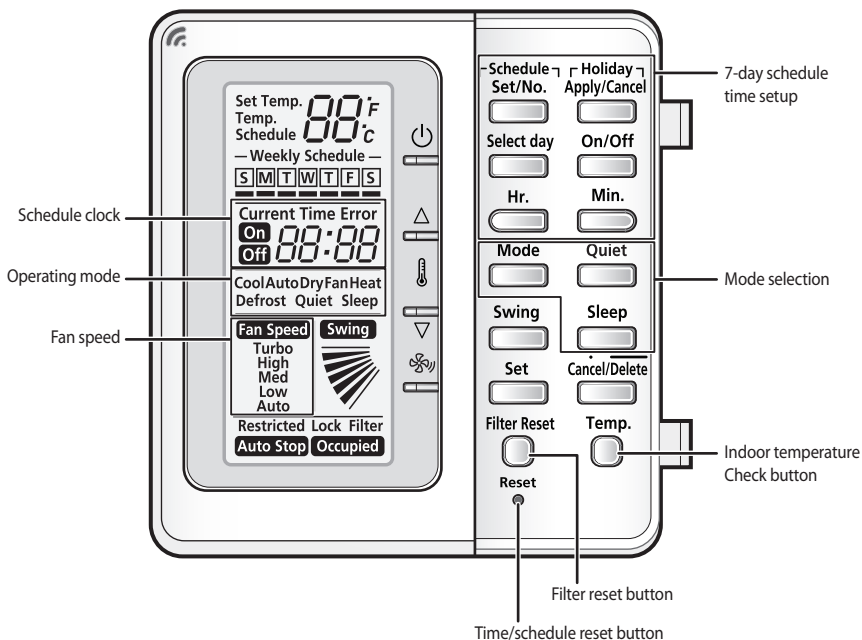


Standard Type



Wired Remote Controller

The wired remote controller is installed on the wall.



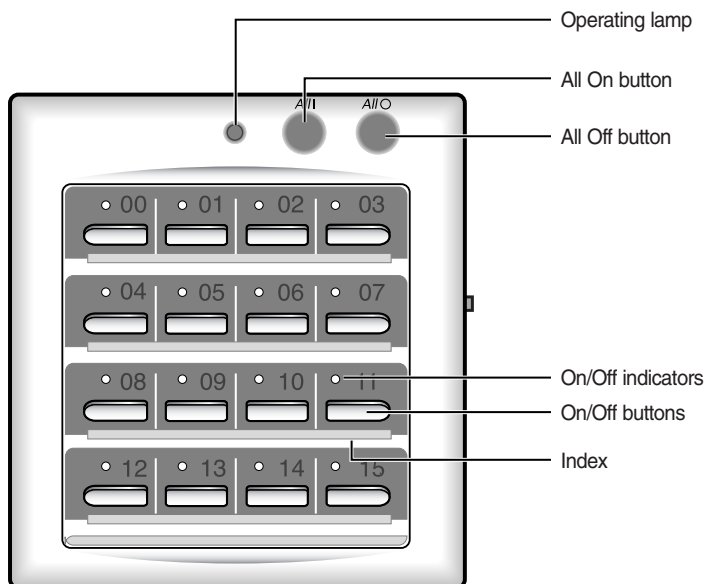
Note

- ◆ Press the  button after cleaning the air filter. The remote controller will display the filter sign to alert the user to clean the filter and turn off the display when the  button is pressed.
- ◆ **Restricted** will be displayed if the  button is pressed for duct type indoor units.
- ◆ **Restricted** will be displayed if the indoor unit does not support the function of the pressed button.

Centralized Controller

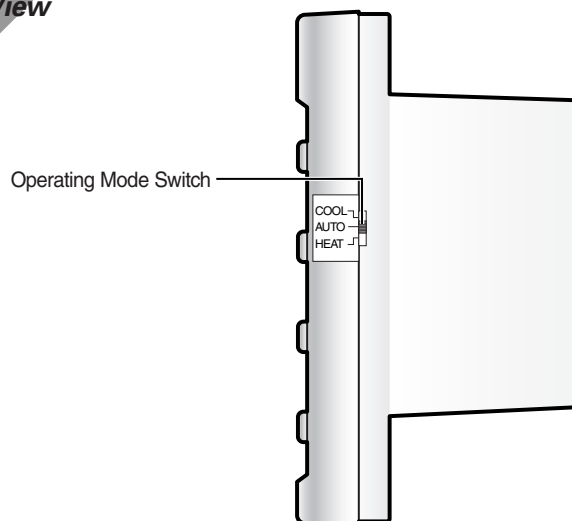
The centralized controller is an optional accessory and it is installed on the wall.
To use the centralized controller, refer to an appropriate manual.

Front View



Note ♦ The operating lamp comes on even when only one air conditioner connected to the centralized controller is operating.

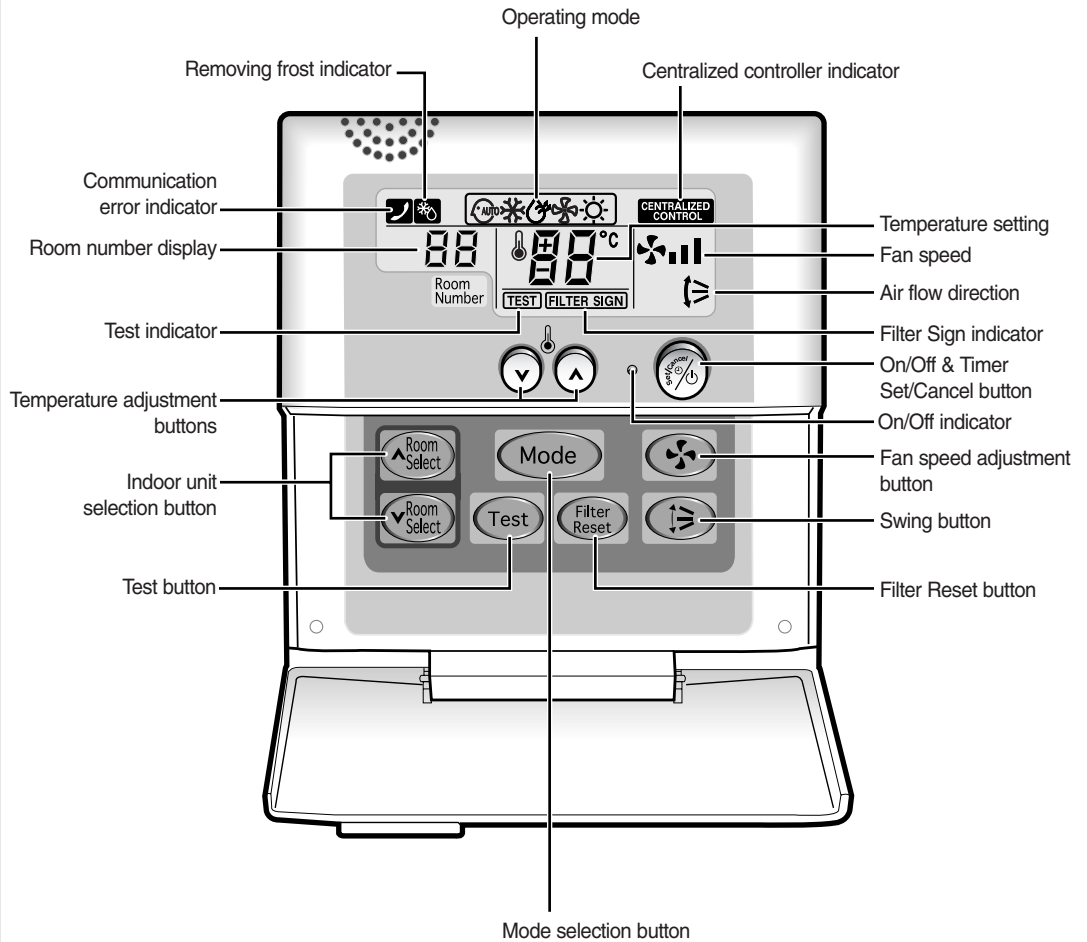
Side View



Note ♦ Choose the appropriate operating mode with the Operating Mode Switch that enables the user to choose between the Cool/Auto/Heat mode.

Function Controller

The function controller is an optional accessory and it is installed on the wall.
 The function controller is an additional controller which is used with the centralized controller.
 To use the function controller, refer to an appropriate manual.



- Note**
- ◆ **Test** button is for your installation specialist. You must NOT press it.
 - ◆ After cleaning the air filter, press the **Filter Reset** button. Then the wired remote controller will display the FILTER SIGN indicator when the time to clean the air filter.

Operating Recommendations

Here are a few recommendations that you should follow when operating your air conditioner.

Topic	Recommendation
Heating performances	The heat pump function of the air conditioner absorbs heat from outside air and brings it indoors. As the temperature of the outside air drops, the heating performance of air conditioner will decrease. If you find that the room is not warm enough, using an additional heating appliance is recommended.
Frost & Defrost	When outside temperature is low but humidity is high, frost may form on the outdoor unit at HEAT mode. If this happens: ◆ The heating operation stops. ◆ The defrost mode will be triggered automatically for 5 to 10 minutes. ◆ The steam produced on the outdoor unit in the defrost mode is safe. No intervention is required ; after about 10 minutes, the air conditioner operates again normally.
High indoor and outdoor temperatures	If both indoor and outdoor temperatures are high and the air conditioner is running at HEAT mode, the outdoor unit's fan and compressor may stop at times. This is normal ; simply wait until the air conditioner switches on again.
Power failure	If a power failure occurs while the air conditioner is operating, the unit will be switched off. When the power returns, the air conditioner starts up again automatically.

Temperature and Humidity Ranges

The following table indicates the temperature and humidity ranges, within which the air conditioner can be used.

If the air conditioner is used at...	Then...
High temperature	The automatic protection feature may be triggered and the air conditioner stopped.
Low temperature	A water leakage or some other malfunction may happen if the heat exchanger freezes.
High humidity levels	Water may condense on and drip from the surface of the indoor unit if it is used for a long periods.

Mode	Outdoor Temperature	Indoor Temperature	Indoor Humidity
Heating	-15°C to 24°C approx.	27°C or less	-
Cooling	-5°C to 43°C approx.	16°C to 32°C approx.	80% or less
Drying	-5°C to 43°C approx.	16°C to 32°C approx.	-

※ ***The standardized temperature for heating is 7°C. If the outdoor temperature drops to 0°C or below, the heating capacity can be reduced depending on the temperature condition.***
If the cooling operation is used at over 32°C(indoor temperature) then, it does not cool at its full capacity.

Cleaning Your Air Conditioner

To get the best possible use out of your air conditioner, you must clean it regularly to remove the dust that accumulates on the air filter.

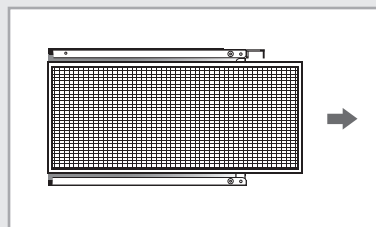
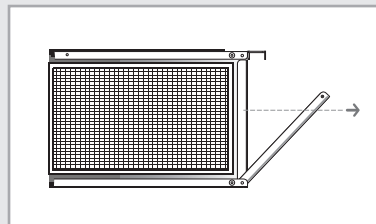
CAUTION Before cleaning your air conditioner, ensure that you have switched off the electric circuit breaker used for the unit.

- 1 Turn the levers to the right or left not to prevent pulling out the air filter. (**026/035**)
Pull the air filter to the right or left as you want. (**052**)
- 2 Pull out the air filter.
- 3 Remove all dust on air filter with a vacuum cleaner or a brush. In case of serious dust accumulation, put the air filter in warm detergent water and shake it vertically.
- 4 Dry the air filter.
- 5 When you have finished, insert the filter into the unit.
- 6 Return the levers.

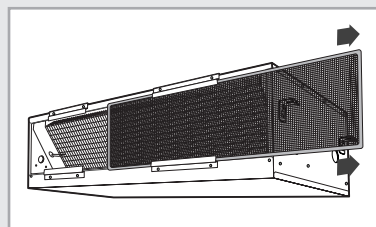
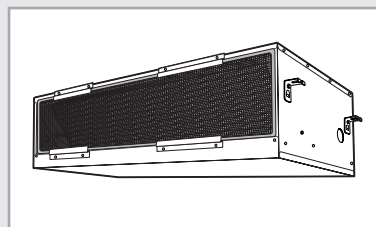
Note

- ◆ After cleaning the air conditioner, press the  button.
- ◆ Do not operate the air conditioner without the filter.

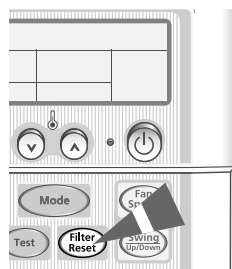
026/035



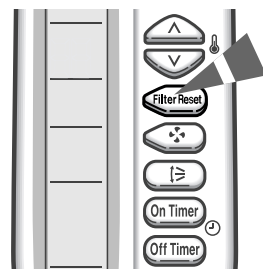
052



Wired Remote Controller



Wireless Remote Controller



Solving Common Problems

Before contacting the after-sales service, perform the following simple checks.
They may save your time and expense of an unnecessary call.

Problem	Explanation/Solution
The air conditioner does not operate at all	◆ Check that the breaker used for the air conditioner is switched on.
Wired Remote Controller	
The air conditioner does not operate with the remote controller	◆  is displayed on the wired remote controller. In this case, turn the air conditioner off and contact your dealer.
Wired Remote Controller	
When turning on/off the air conditioner, it is not turned On/Off immediately.	◆ In case of using the wired remote controller for a group, the air conditioners connected to the remote controller are turned on/off in order. Thus, it takes some time(up to 32 seconds).
Wireless Remote Controller	
The air conditioner does not operate with the remote controller	◆ Check that there are no obstacles between you and the remote control sensor. ◆ Check the wireless remote controller batteries. ◆ Check that you are close enough to the remote control sensor. (7 metres/ yards or less).
Wireless Remote Controller	
No beep is heard when you press  (On/Off) on the remote controller	◆ Check that you are pointing the remote controller at the remote control sensor of the receiver & display unit. ◆ Replace the remote controller batteries if necessary.
The air conditioner does not cool or heat	◆ Check that the correct operating mode has been selected. ◆ The room temperature may be too low or too high. ◆ Dust may be blocking the air filter guard; refer to page 13 for cleaning instructions. ◆ Check that there is no obstacle in front of the outdoor unit.
When heating, the required room temperature is never reached and the air conditioner frequently stops	◆ Check that the required temperature has been set correctly. ◆ Increase the fan speed.

Memo



ELECTRONICS

QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT
BELGIUM	0032 (0)2 201 24 18	www.samsung.com/be
CZECH REPUBLIC	844 000 844	www.samsung.com/cz
DENMARK	70 70 19 70	www.samsung.com/dk
FINLAND	030-6227 515	www.samsung.com/fi
FRANCE	3260 SAMSUNG (€ 0,15/Min) 08 25 08 65 65 (€ 0,15/Min)	www.samsung.com
GERMANY	01805 - SAMSUNG (726-7864 € 0,14/Min)	www.samsung.com
HUNGARY	06-80-SAMSUNG(726-7864)	www.samsung.com
ITALIA	800-SAMSUNG(726-7864)	www.samsung.com
LUXEMBURG	0035 (0)2 261 03 710	www.samsung.com/be
NETHERLANDS	0900-SAMSUNG (726-7864 € 0,10/Min)	www.samsung.com/nl
NORWAY	815-56 480	www.samsung.com/no
POLAND	0 801 801 881 022-607-93-33	www.samsung.com/pl
PORTUGAL	80820-SAMSUNG(726-7864)	www.samsung.com/pt
SLOVAKIA	0800-SAMSUNG(726-7864)	www.samsung.com/sk
SPAIN	902 10 11 30	www.samsung.com
SWEDEN	0771-400 200	www.samsung.com/se
U.K	0845 SAMSUNG (7267864)	www.samsung.com
EIRE	0818 717 100	www.samsung.com/ie
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